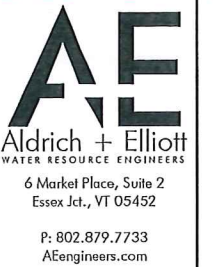


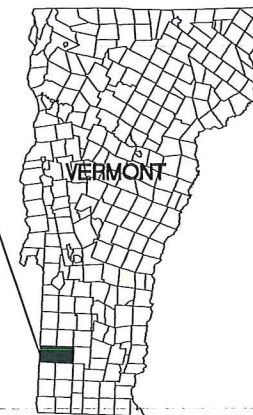
# CONTRACT No. 1

DWSRF LOAN #RF3-333  
FEBRUARY, 2016



**LOCATION MAP**  
SCALE: 1"=1000'

**LEGEND**

PROJECT LOCATION. . . . . 

## INDEX OF DRAWINGS

| <u>DRAWING NO.</u> | <u>TITLE</u>  |
|--------------------|---|
| 1                  | TITLE SHEET AND INDEX OF DRAWINGS                     |
| 2                  | GENERAL NOTES AND LEGEND                              |
| 3                  | DRAWING LOCATION PLAN                                 |
| 4                  | ROUTE 7A PLAN AND PROFILE STA 0+00 TO 9+30            |
| 5                  | ROUTE 7A PLAN AND PROFILE STA 0+00 TO 10+00           |
| 6                  | ROUTE 7A PLAN AND PROFILE STA 10+00 TO 20+01          |
| 7                  | ROUTE 7A PLAN AND PROFILE STA 0+00 TO 7+68            |
| 8                  | CARBONITE CIRCLE PLAN AND PROFILE STA 0+00 TO 8+32    |
| 9                  | EAST ARLINGTON ROAD PLAN AND PROFILE STA 0+00 TO 4+30 |
| 10                 | ROUTE 313 PLAN AND PROFILE STA 0+00 TO 8+67           |
| 11                 | MUNN TERRACE PLAN AND PROFILE STA 0+00 TO 5+74        |
| 12                 | CHISELVILLE ROAD PLAN AND PROFILE STA 0+00 TO 5+00    |
| 13                 | CHISELVILLE ROAD PLAN AND PROFILE STA 5+00 TO 9+93    |
| 14                 | ICE FOND ROAD ROAD PLAN AND PROFILE STA 0+00 TO 4+27  |
| 15                 | WARM BROOK ROAD PLAN AND PROFILE STA 0+00 TO 1+77     |
| 16                 | WATER DETAILS   |
| 17                 | WATER AND ROADWAY DETAILS                             |
| 18                 | ROADWAY DETAILS                                       |
| 19                 | EROSION CONTROL DETAILS AND NOTES                     |

ISSUED FOR 60% REVIEW  
NOT FOR CONSTRUCTION

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TOWN OF  
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WATER SYSTEM  
IMPROVEMENTS  
CONTRACT No. 1

TITLE SHEET  
AND INDEX  
OF DRAWINGS

|                     |                             |
|---------------------|-----------------------------|
| DESIGNED<br>NAP     | PROJECT NO.<br><b>15067</b> |
| DRAWN<br>JEN        |                             |
| CHECKED<br>JJD      |                             |
| DATE<br>FEB. 2016   |                             |
| DRAWING<br><b>T</b> |                             |

TOWN SELECTBOARD

KEITH SQUIRES, CHAIR

CYNTHIA BROWNING

DANIEL HARVEY

REGINALD JENNINGS

TIMOTHY WILLIAMS

**TOWN CLERK**

ROBIN WILCOX







[illegible]

TOWN OF  
ARLINGTON,  
VERMONT

WATER SYSTEM  
IMPROVEMENTS  
CONTRACT No. 1

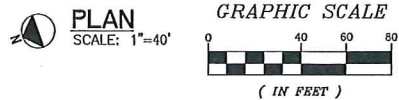
DRAWING  
LOCATION  
PLAN

|                   |                          |
|-------------------|--------------------------|
| DESIGNED<br>NAP   | PROJECT NO.<br><br>15067 |
| DRAWN<br>JEN      |                          |
| CHECKED<br>JJD    | DRAWING<br><br>2         |
| DATE<br>FEB. 2016 |                          |



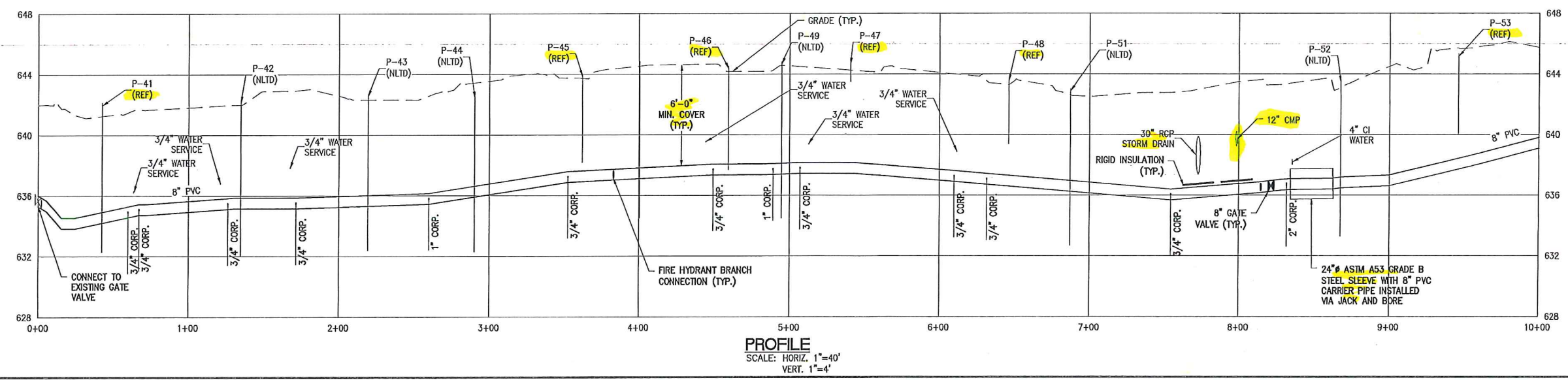
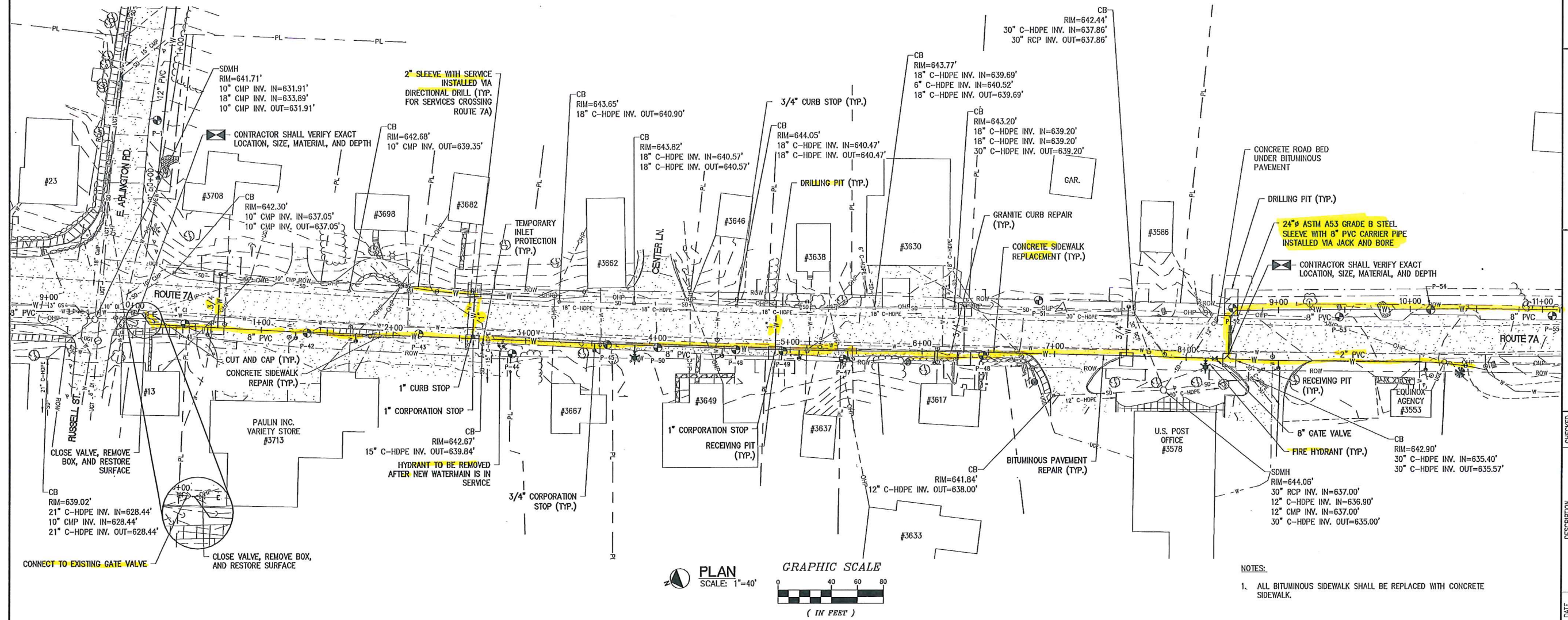
 **DRAWING LOCATION PLAN**  
SCALE: 1"=500'





|                   |                             |
|-------------------|-----------------------------|
| DESIGNED<br>NAP   | PROJECT NO.<br><b>15067</b> |
| DRAWN<br>JEN      |                             |
| CHECKED<br>JJD    | DRAWING<br><b>3</b>         |
| DATE<br>FEB. 2016 |                             |





NOTES:  
1. ALL BITUMINOUS SIDEWALK SHALL BE REPLACED WITH CONCRETE SIDEWALK.

| CHECKED | DESCRIPTION | DATE | No. |
|---------|-------------|------|-----|
|         |             |      |     |
|         |             |      |     |
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TOWN OF  
ARLINGTON,  
VERMONT

WATER SYSTEM  
IMPROVEMENTS  
CONTRACT No. 1

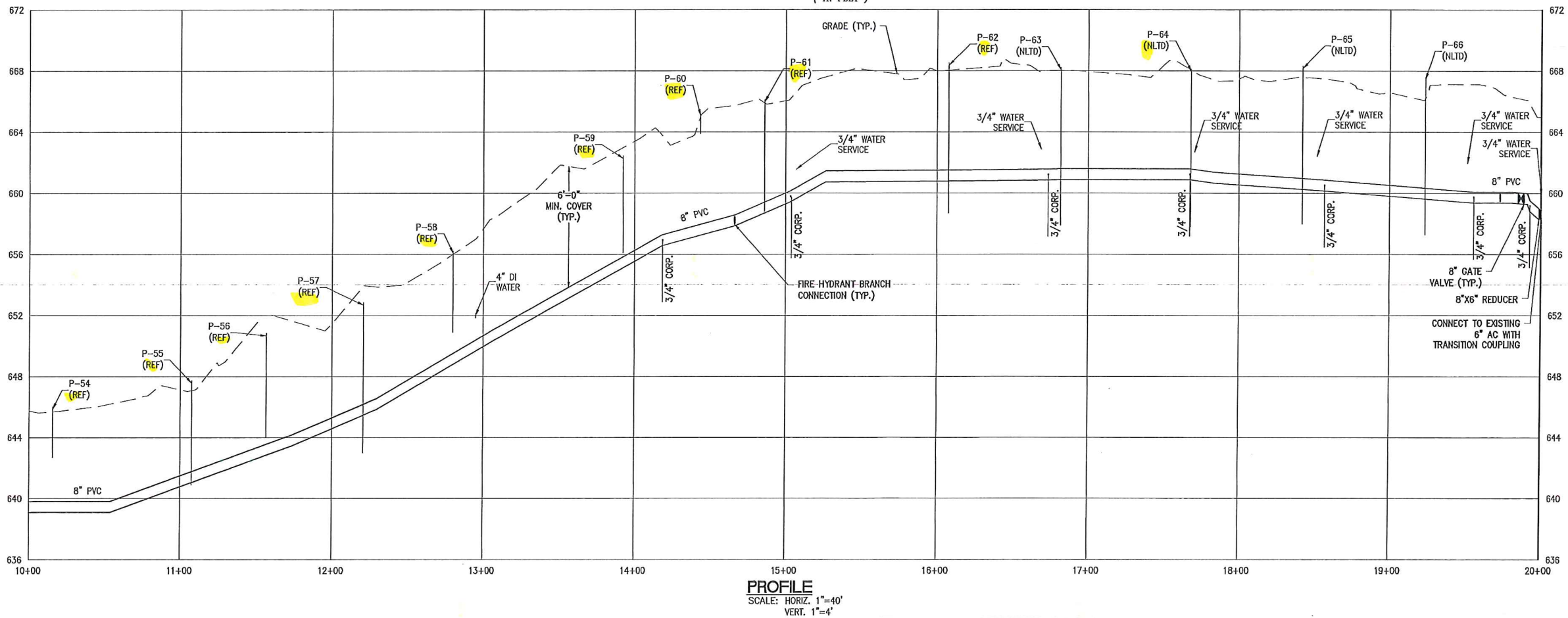
ROUTE 7A  
PLAN AND PROFILE  
STA. 0+00 TO 10+00

|                   |                      |
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| DRAWN<br>JEN      | DRAWING<br>4         |
| CHECKED<br>JJD    |                      |
| DATE<br>FEB. 2016 |                      |

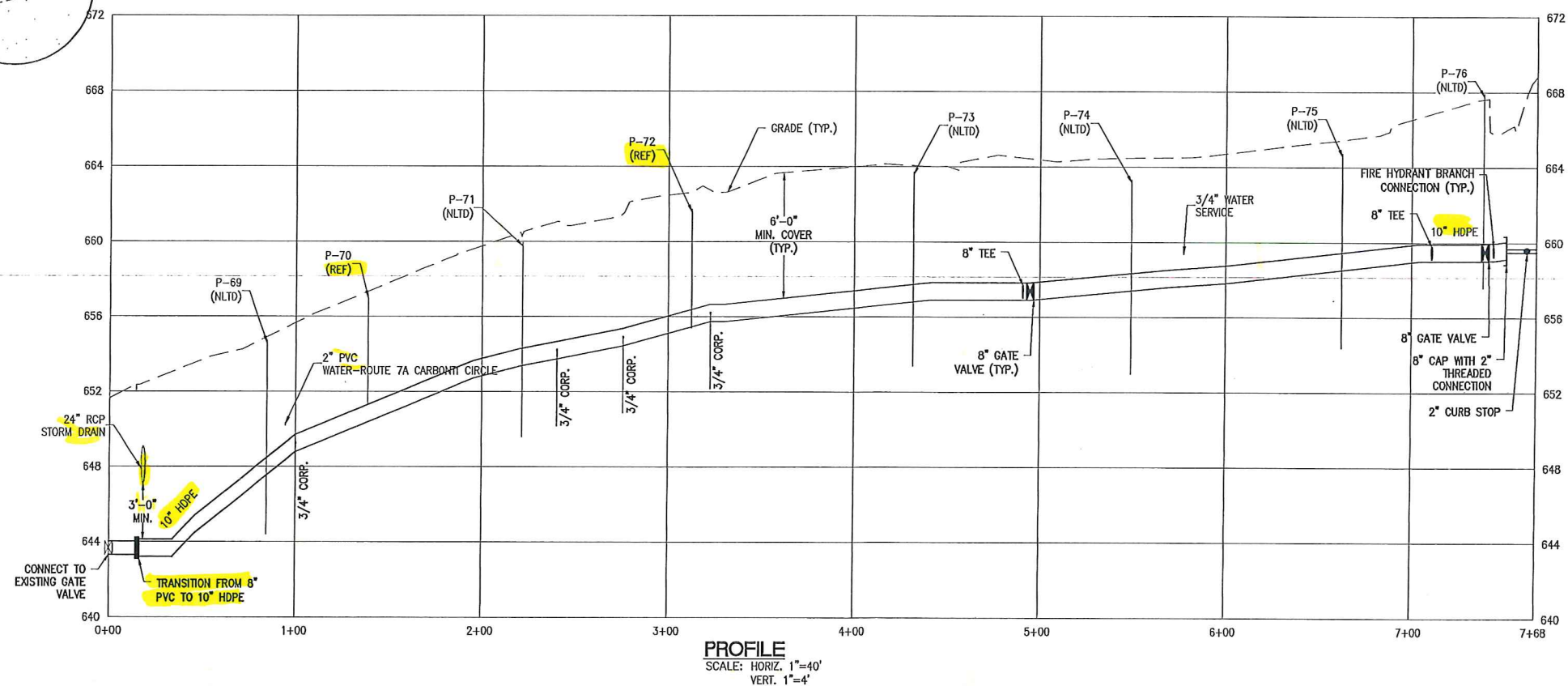
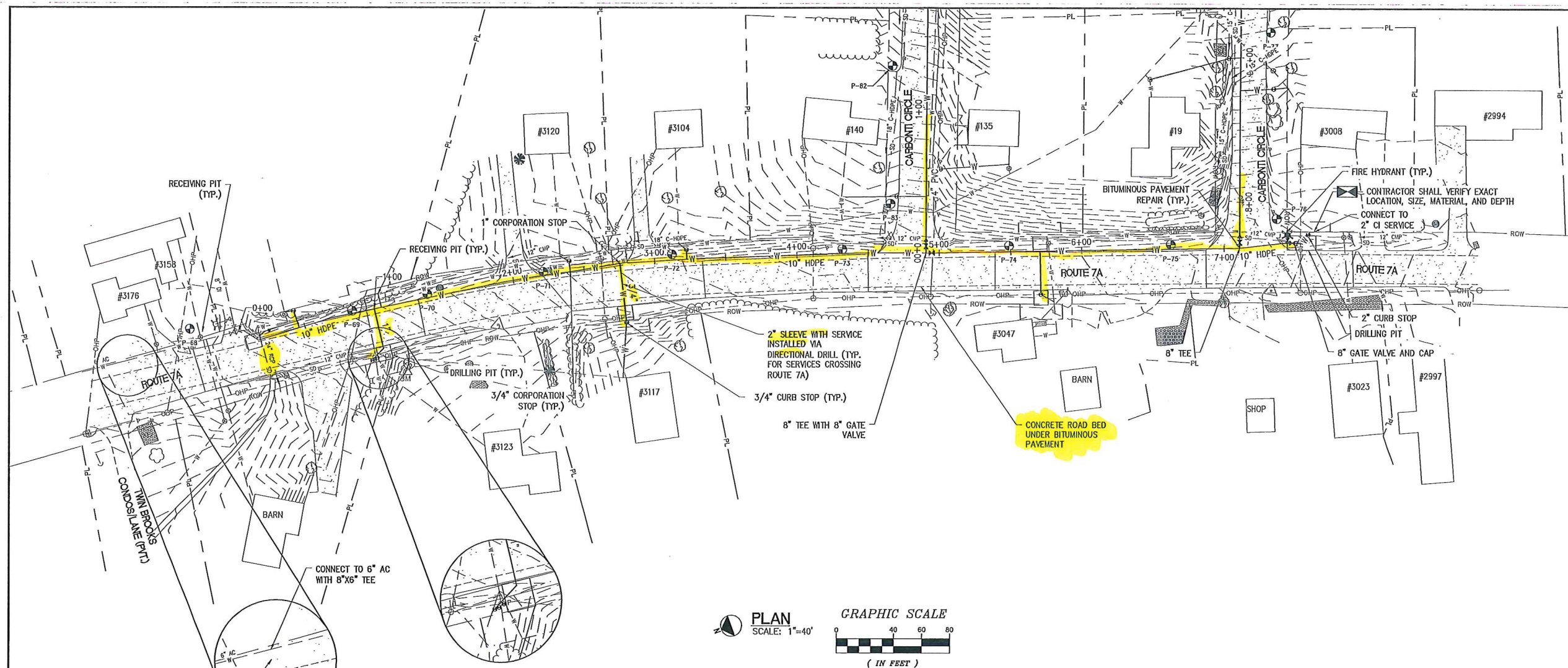
Y:\15067-ARLINGTON\15067-4.dwg, 12/2/2015 10:13:59 AM



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| DESIGNED<br>NAP   | PROJECT NO.<br>15067 |
| DRAWN<br>JEN      | DRAWING<br>5         |
| CHECKED<br>JJD    |                      |
| DATE<br>FEB. 2016 |                      |





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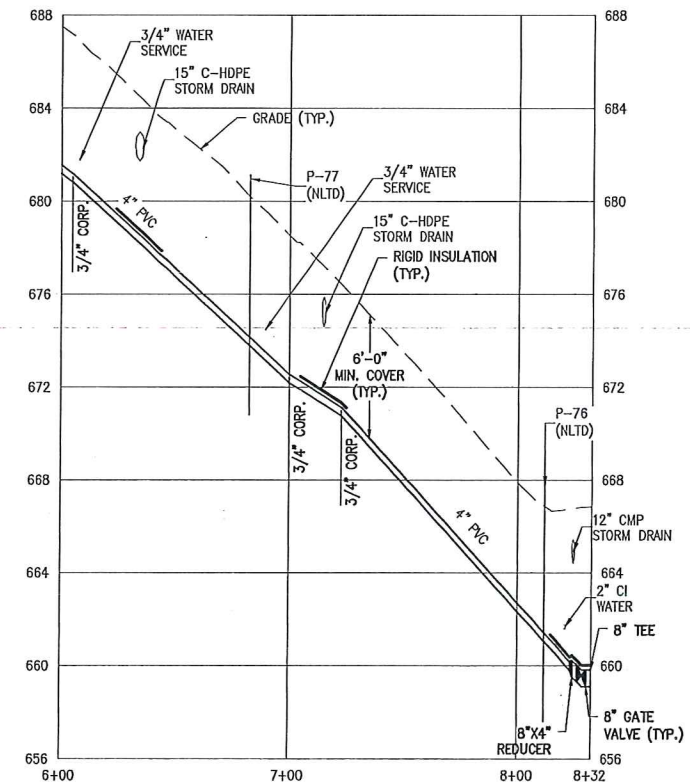
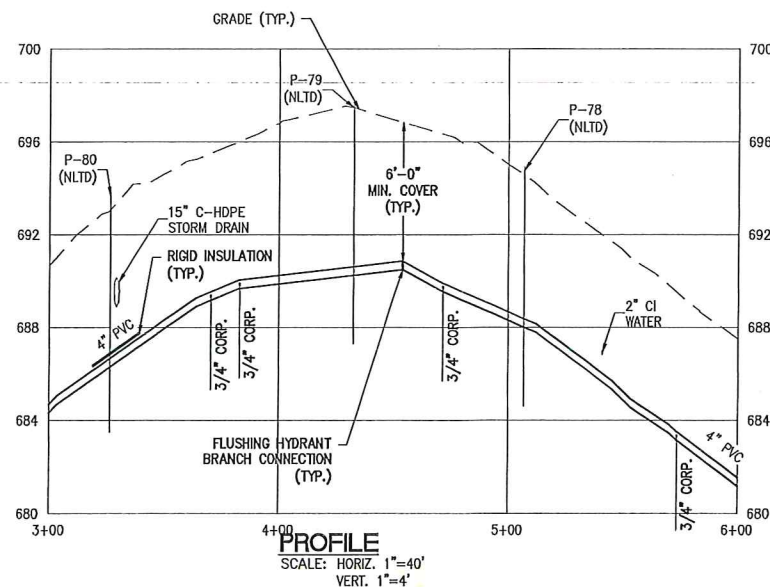
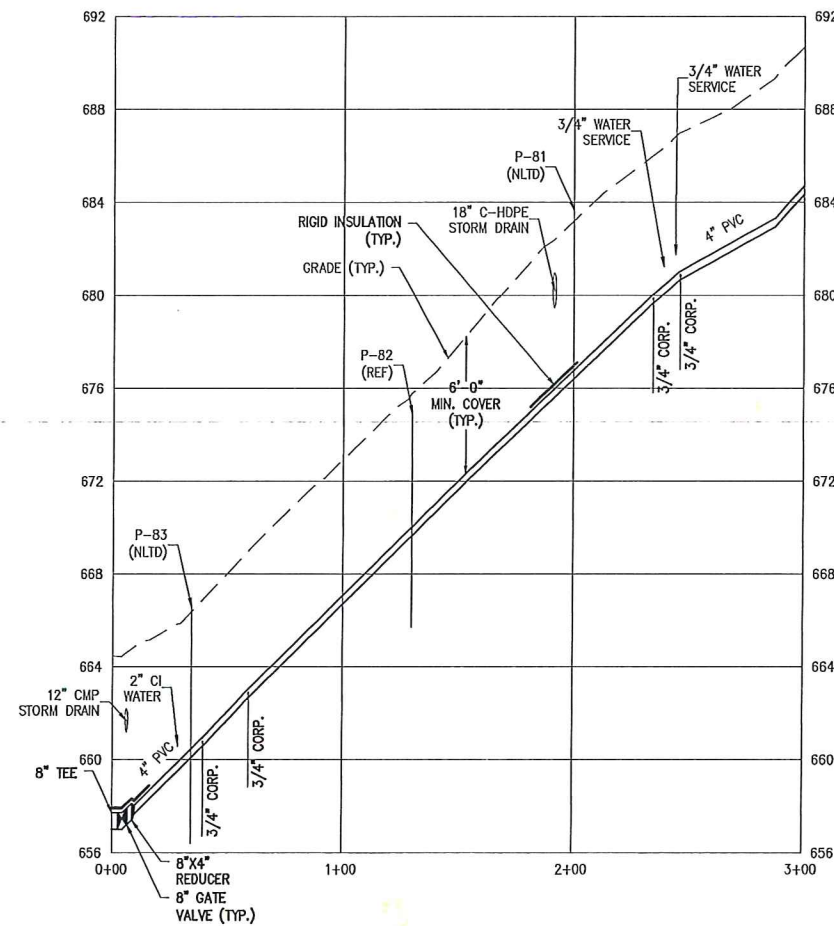
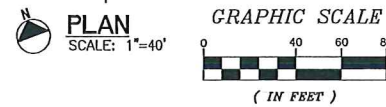
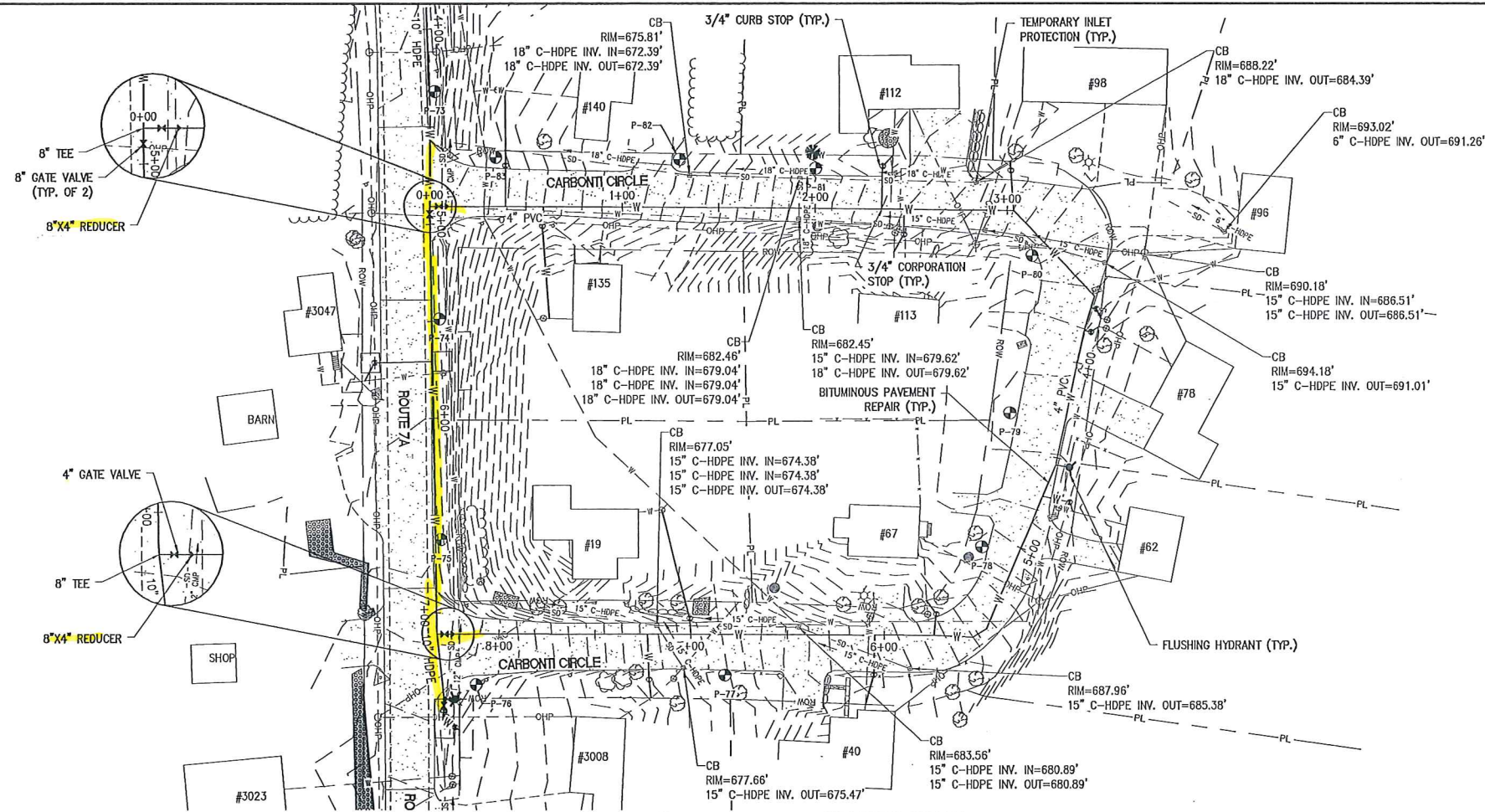
TOWN OF  
ARLINGTON,  
VERMONT

WATER SYSTEM  
IMPROVEMENTS  
CONTRACT No. 1

ROUTE 7A  
PLAN AND PROFILE  
STA. 0+00 TO 7+68

|                     |                             |
|---------------------|-----------------------------|
| DESIGNED<br>NAP     | PROJECT NO.<br><b>15067</b> |
| DRAWN<br>JEN        |                             |
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| DATE<br>FEB. 2016   |                             |
| DRAWING<br><b>6</b> |                             |





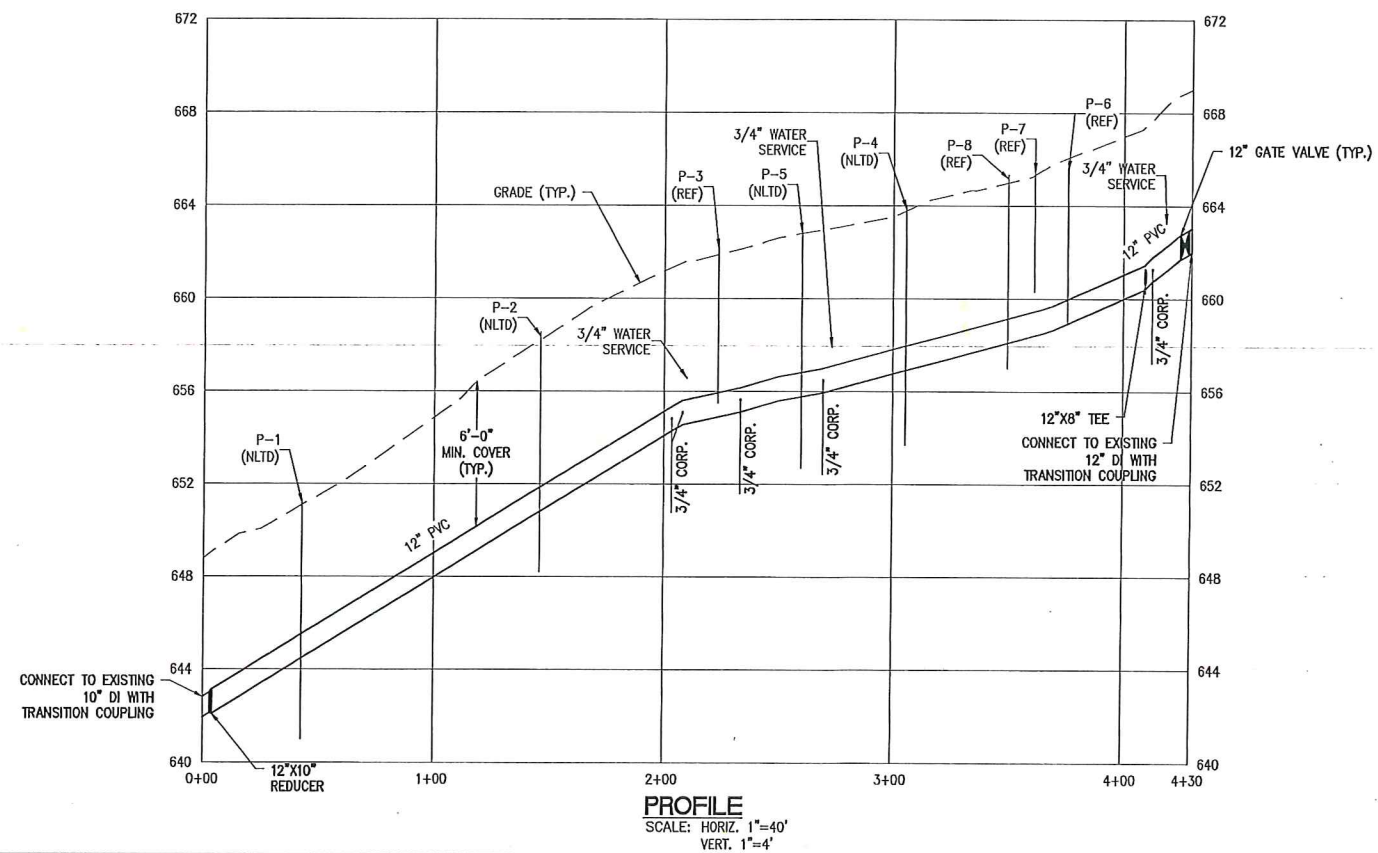
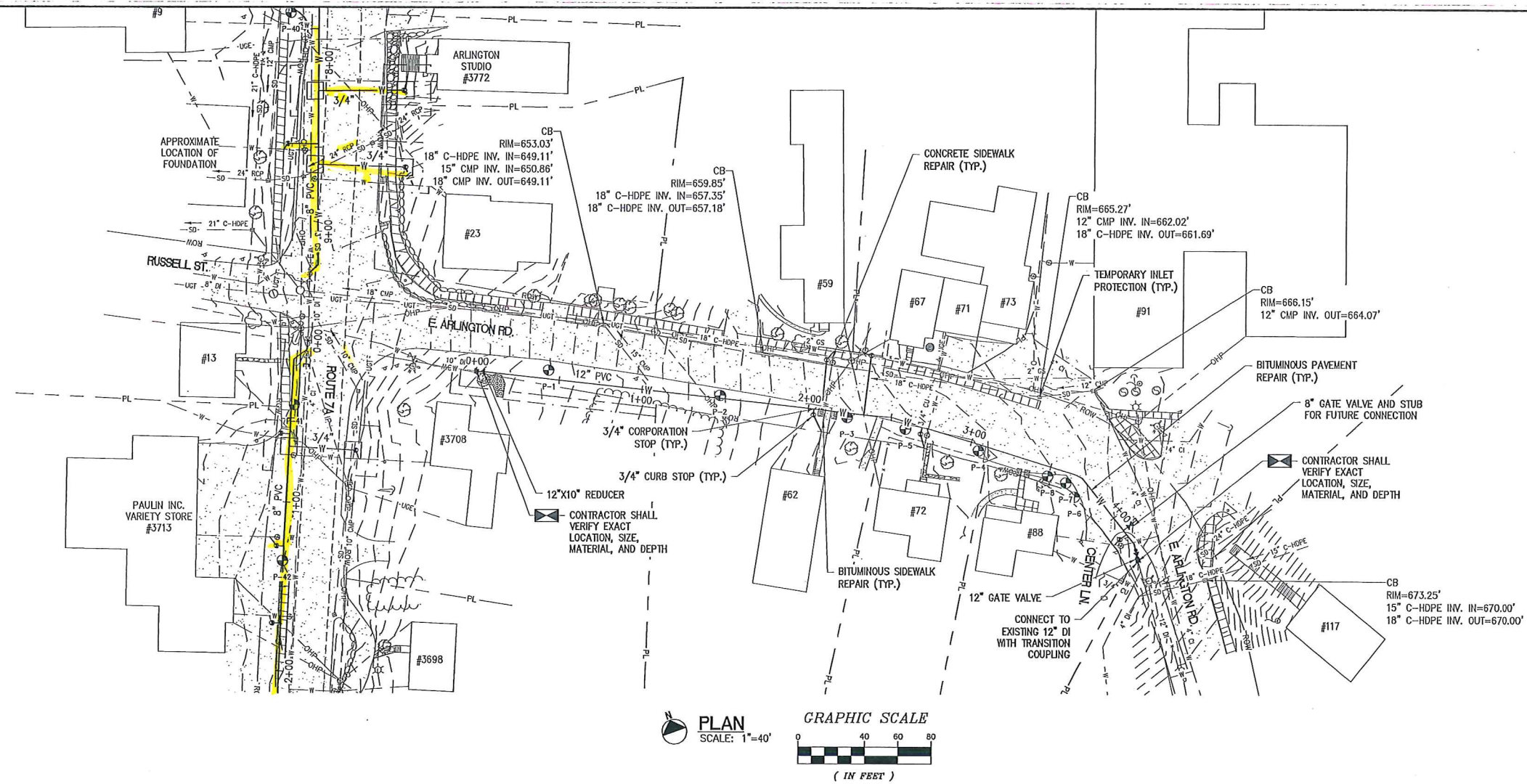
TOWN OF  
ARLINGTON,  
VERMONT

WATER SYSTEM  
IMPROVEMENTS  
CONTRACT No. 1

CARBONTI CIRCLE  
PLAN AND PROFILE  
STA. 0+00 TO 8+32

|                   |                      |
|-------------------|----------------------|
| DESIGNED<br>NAP   | PROJECT NO.<br>15067 |
| DRAWN<br>JEN      | DRAWING<br>7         |
| CHECKED<br>JJD    |                      |
| DATE<br>FEB. 2016 |                      |



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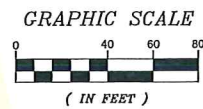
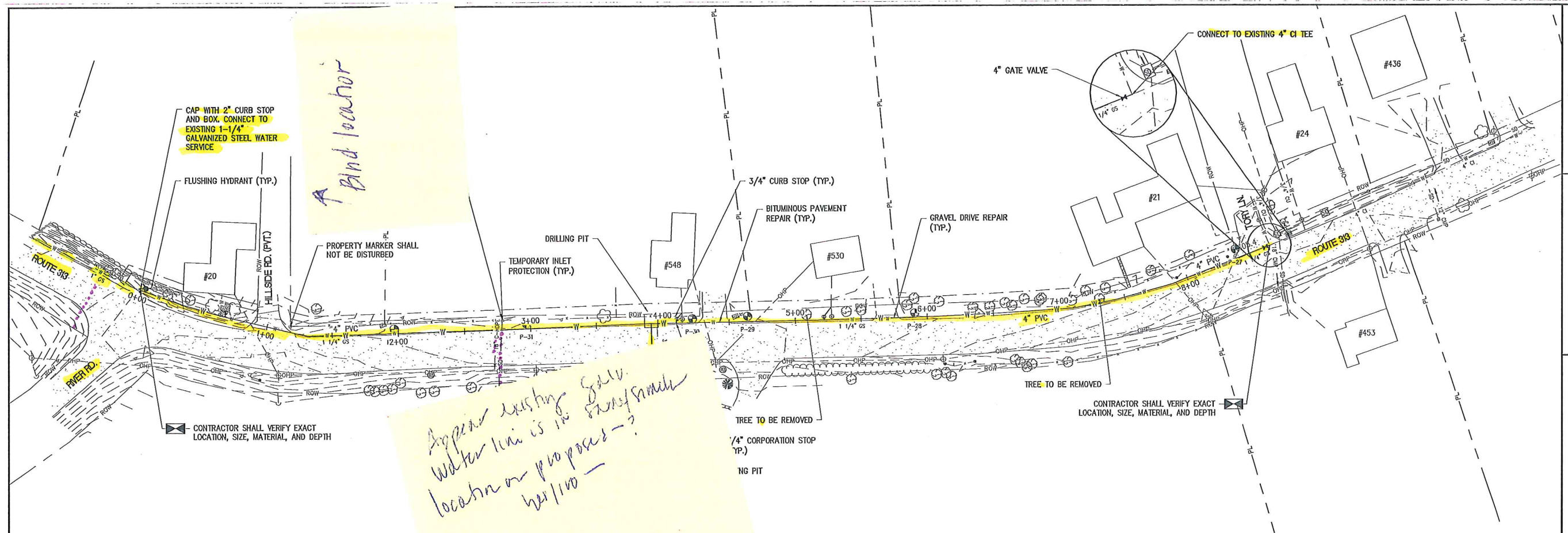
TOWN OF  
ARLINGTON,  
VERMONT

WATER SYSTEM  
IMPROVEMENTS  
CONTRACT No. 1

EAST  
ARLINGTON ROAD  
PLAN AND  
PROFILE  
STA. 0+00 TO 4+30

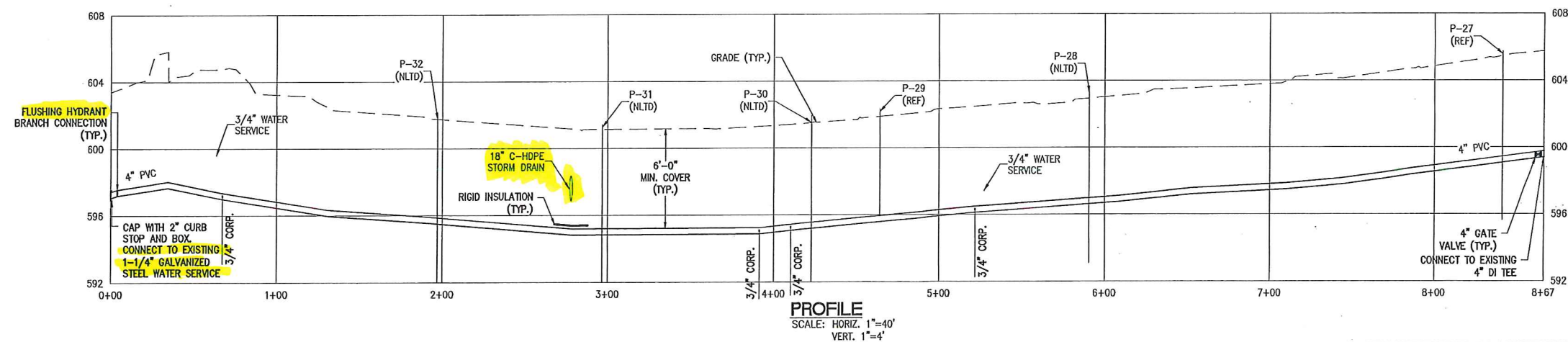
|                   |  |
|-------------------|--|
| DESIGNED<br>NAP   | PROJECT NO.<br><b>15067</b><br><br>DRAWING<br><b>8</b> |
| DRAWN<br>JEN      |  |
| CHECKED<br>JJD    |  |
| DATE<br>FEB. 2016 |  |





NOTES:

1. CONTRACTOR SHALL INSTALL NEW 4" PVC C900 WATERLINE IN SAME TRENCH AS EXISTING 1-1/4" GALVANIZED STEEL.

[illegible]

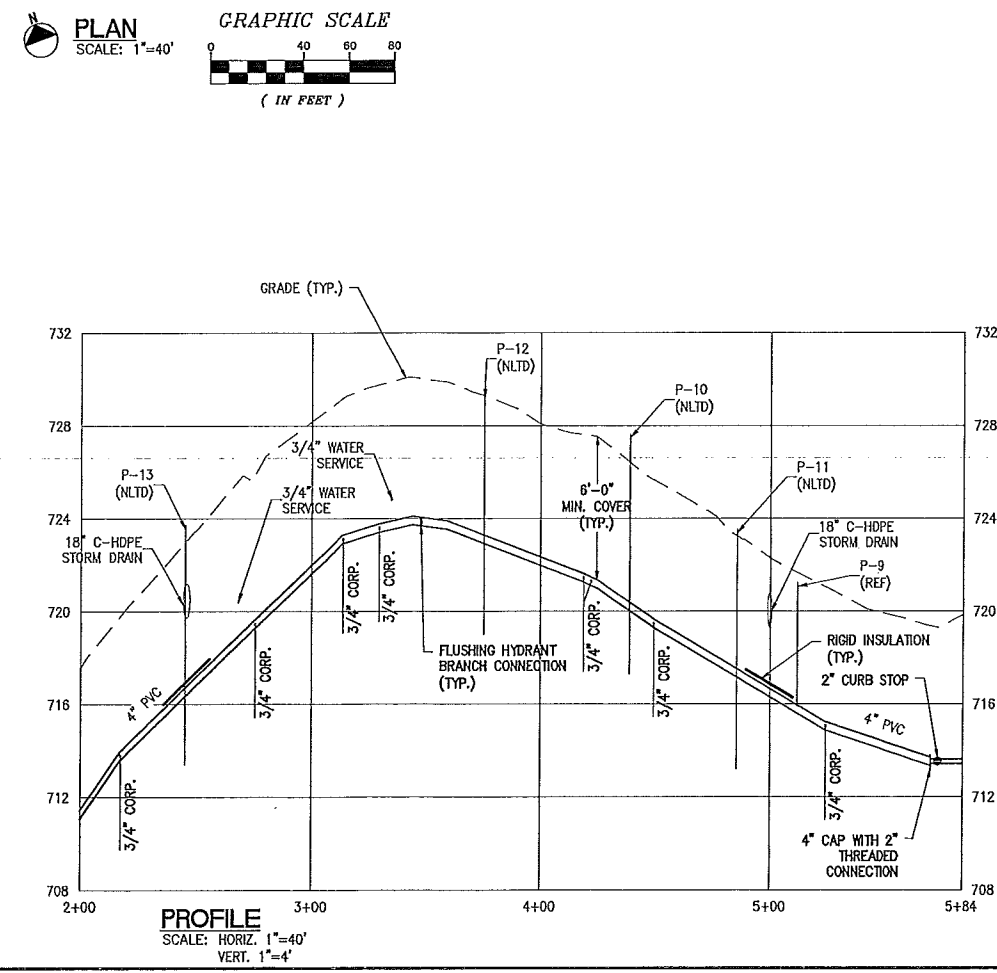
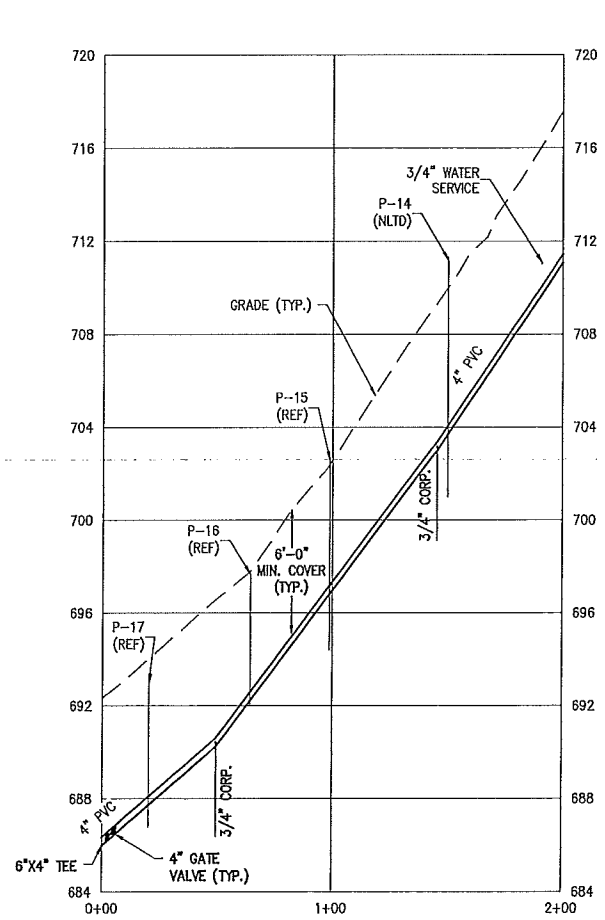
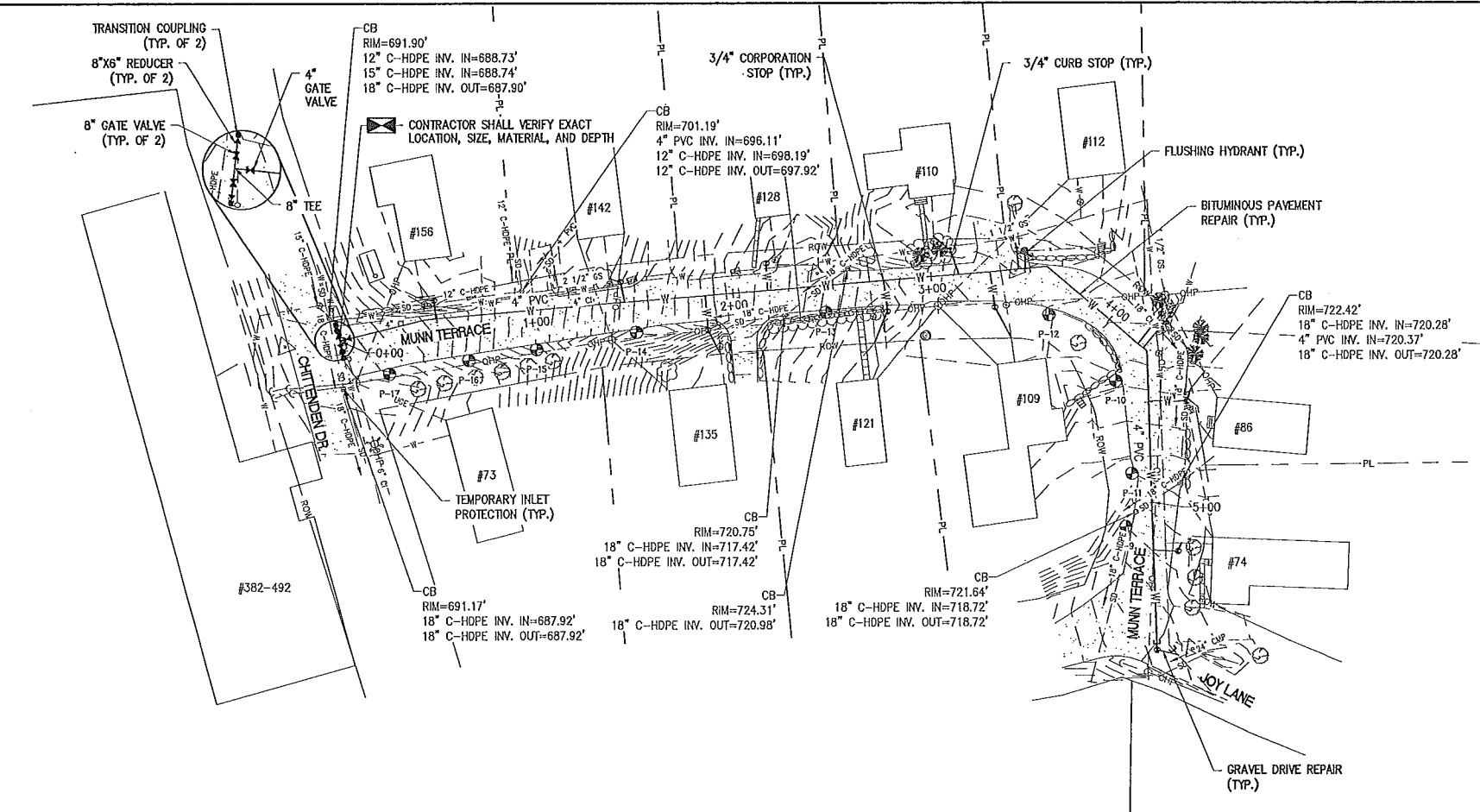
TOWN OF  
ARLINGTON,  
VERMONT

WATER SYSTEM  
IMPROVEMENTS  
CONTRACT No. 1

ROUTE 313  
PLAN AND PROFILE  
STA. 0+00 TO 8+67

|                   |                             |
|-------------------|-----------------------------|
| DESIGNED<br>NAP   | PROJECT NO.<br><b>15067</b> |
| DRAWN<br>JEN      |                             |
| CHECKED<br>JJD    | DRAWING<br><b>9</b>         |
| DATE<br>FEB. 2016 |                             |



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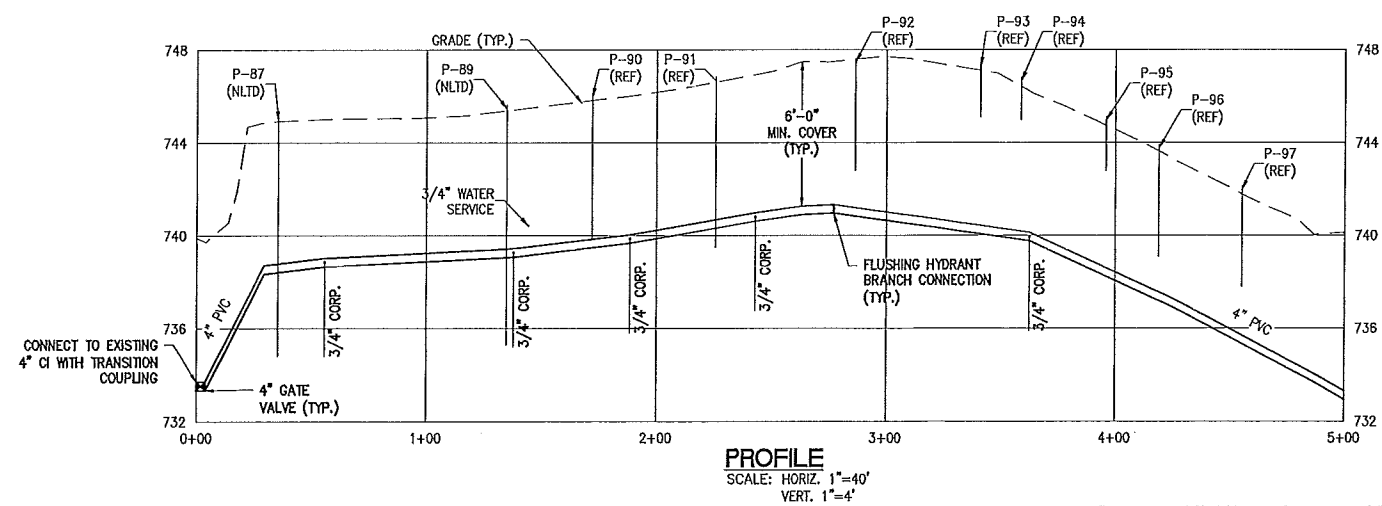
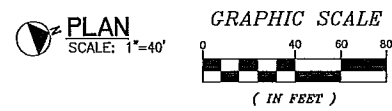
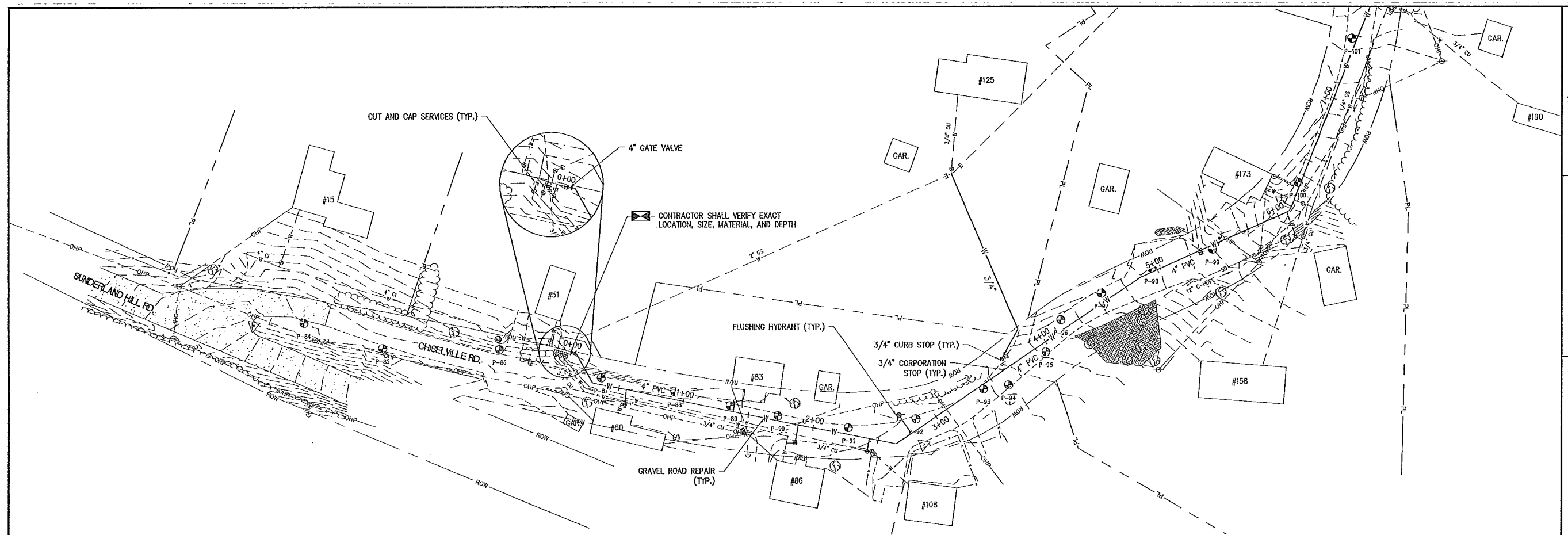
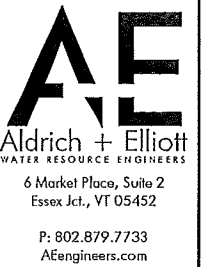
TOWN OF  
ARLINGTON,  
VERMONT

WATER SYSTEM  
IMPROVEMENTS  
CONTRACT No. 1

MUNN TERRACE  
PLAN AND PROFILE  
STA. 0+00 TO 5+74

|                   |   |
|-------------------|---|
| DESIGNED<br>NAP   | PROJECT NO.<br><br>15067<br><br>DRAWING<br><br>10 |
| DRAWN<br>JEN      |   |
| CHECKED<br>JJD    |   |
| DATE<br>FEB. 2016 |   |



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TOWN OF  
ARLINGTON,  
VERMONT

WATER SYSTEM  
IMPROVEMENTS  
CONTRACT No. 1

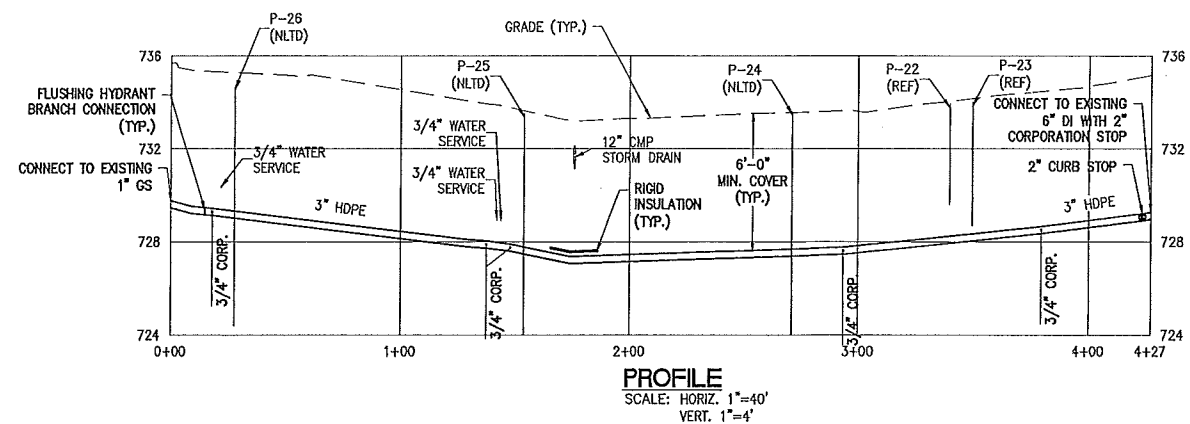
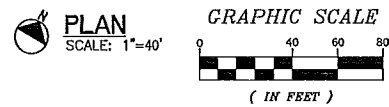
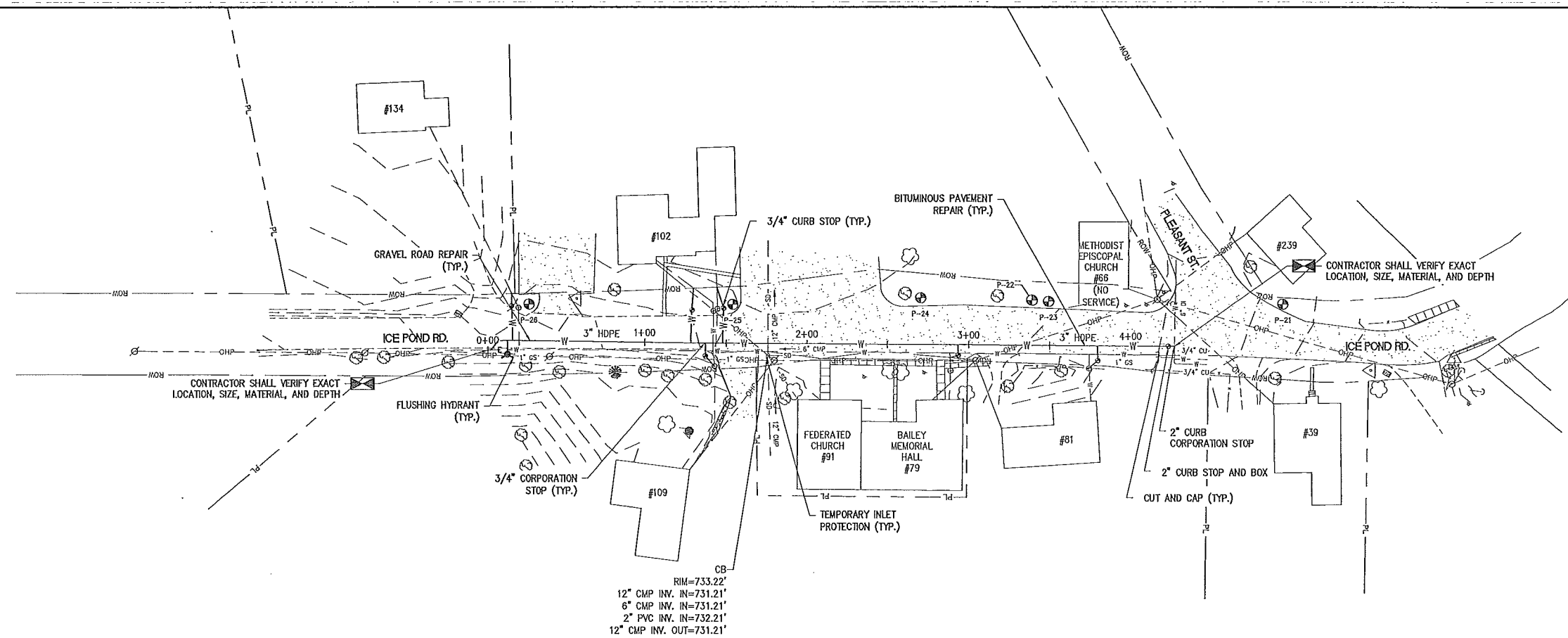
CHISELVILLE ROAD  
PLAN AND PROFILE  
STA. 0+00 TO 5+00

|                   |                             |
|-------------------|-----------------------------|
| DESIGNED<br>NAP   | PROJECT NO.<br><b>15067</b> |
| DRAWN<br>JEN      |                             |
| CHECKED<br>JJD    | DRAWING<br><b>11</b>        |
| DATE<br>FEB. 2016 |                             |







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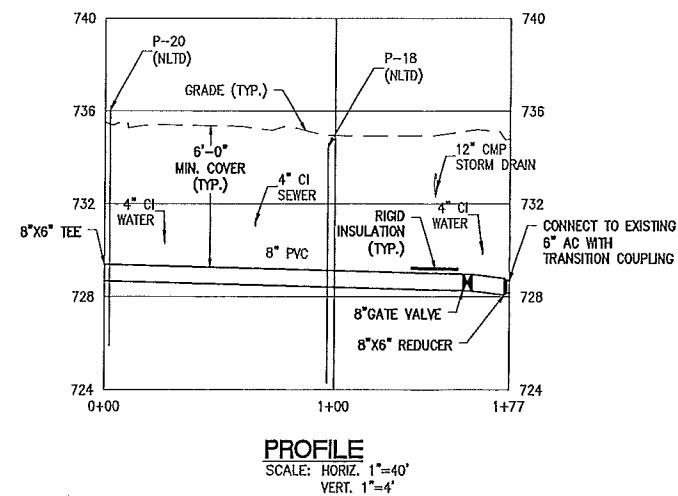
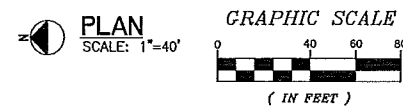
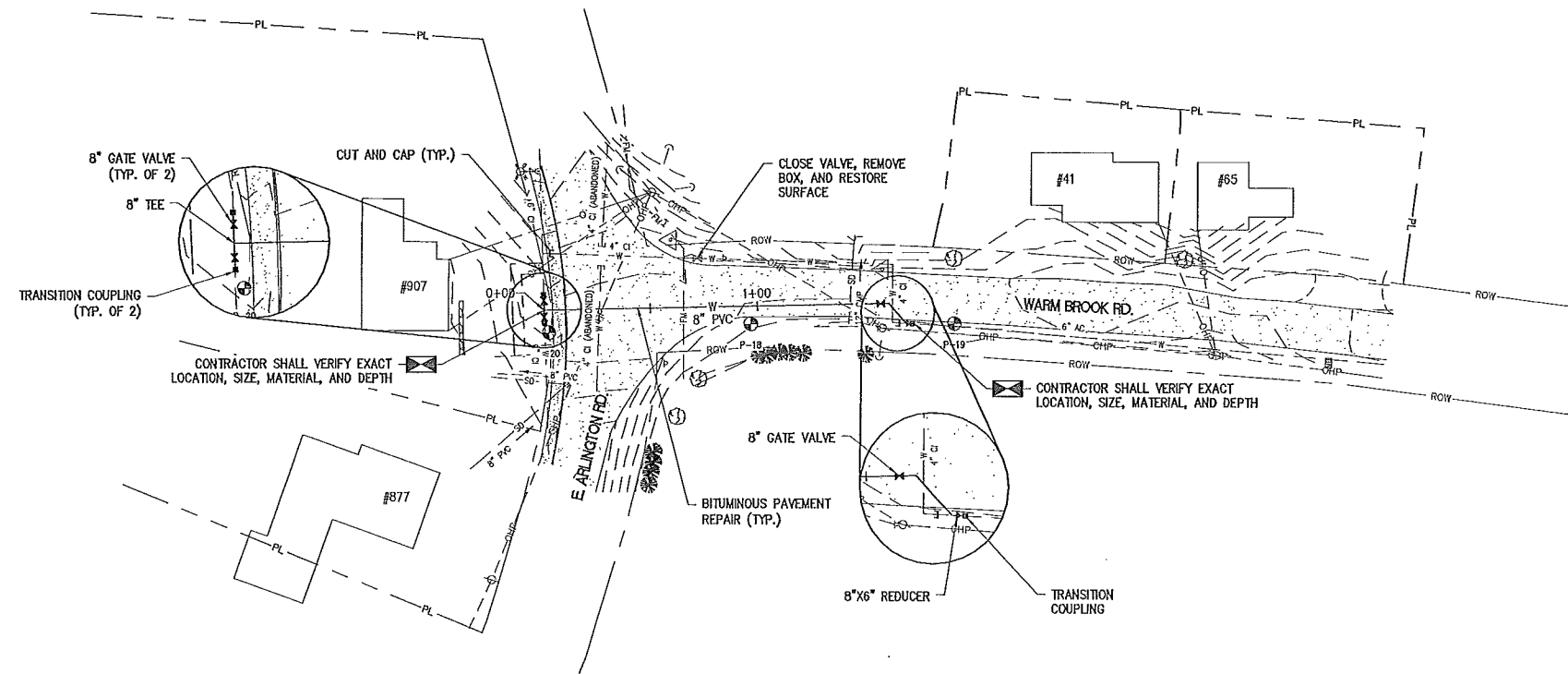
TOWN OF  
ARLINGTON,  
VERMONT

WATER SYSTEM  
IMPROVEMENTS  
CONTRACT No. 1

ICE POND ROAD  
PLAN AND PROFILE  
STA. 0+00 TO 4+27

|                      |                             |
|----------------------|-----------------------------|
| DESIGNED<br>NAP      | PROJECT NO.<br><b>15067</b> |
| DRAWN<br>JEN         |                             |
| CHECKED<br>JJD       |                             |
| DATE<br>FEB. 2016    |                             |
| DRAWING<br><b>13</b> |                             |



[illegible]

TOWN OF  
ARLINGTON,  
VERMONT

WATER SYSTEM  
IMPROVEMENTS  
CONTRACT No. 1

WARM BROOK ROAD  
PLAN AND PROFILE  
STA. 0+00 TO 1+77

|                   |   |
|-------------------|---|
| DESIGNED<br>NAP   | PROJECT NO.<br>15067<br><br>DRAWING<br>14 |
| DRAWN<br>JEN      |   |
| CHECKED<br>JJD    |   |
| DATE<br>FEB. 2016 |   |



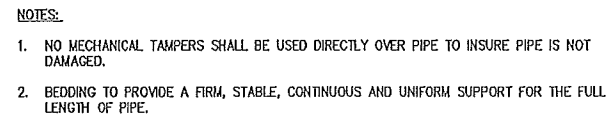


Figure 10 illustrates the details of concrete encasement for pipes. The diagrams show the pipe being encased in concrete, with labels for 'UNDISTURBED SOIL (TYP.)', 'CONCRETE (TYP.)', and 'PLUG'. Dimensions are provided for the encasement height (2') and the plug length (1').

| MINIMUM BEARING SURFACES |     |      |                       |          |       |
|--------------------------|-----|------|-----------------------|----------|-------|
| SQUARE FEET              |     |      |                       |          |       |
| PIPE DIA.                | TEE | HYD. | 90° BEND <sup>1</sup> | 45° BEND | EN CA |
| 12"                      | 14  | —    | 18.5                  | 10       | 1.5   |

| MINIMUM BEARING SURFACES |     |      |           |          |         |
|--------------------------|-----|------|-----------|----------|---------|
| SQUARE FEET              |     |      |           |          |         |
| PIPE DIA.                | TEE | HYD. | 90° BEND¹ | 45° BEND | END CAP |
| 12"                      | 14  | —    | 18.5      | 10       | 14      |
| 10"                      | 14  | —    | 17        | 10       | 14      |
| 8"                       | 8   | —    | 14        | 7        | 8       |
| 6"                       | 5   | 6    | 6         | 4        | 5       |
| 4"                       | 2   | —    | 3         | 2        | 2       |

The diagram illustrates a cross-section of a trench. At the bottom is a circular pipe. Above the pipe is a layer of bedding, labeled 'PIPE BLANKET AND BEDDING'. Above this is a thick layer of insulation, labeled '4" RIGID INSULATION FULL WIDTH OF TRENCH (2)-2" LAYERS'. The top of the trench is filled with 'APPROVED BACKFILL'. The trench is shown to be 9 feet deep, indicated by a vertical dimension line on the right side labeled '9\''. The bottom of the trench is labeled 'UNDISTURBED MATERIAL'.

**NOTES:**

1. STAGGER INSULATION JOINTS BETWEEN THE TWO (2) LAYERS.
2. TO BE INSULATED AS DIRECTED.
3. INSULATION TO BE UTILIZED AS INDICATED ON PLAN SHEET.
4. 5.5" MINIMUM COVER OVER PIPE.

Diagram illustrating the installation of a fire hydrant and water main connection, showing various components and dimensions:

- Fire Hydrant Components:** FIRE HYDRANT, GALVANIZED SPRING FLAG WITH REFLECTIVE MARKINGS, ROTATE AS DIRECTED BY ENGINEER, MARK "ND" (NON-DRAINING), SAFETY BREAK-AWAY RING, 2"-3" (dimension).
- Dimensions:** 3'-0" MIN., 6'-0" MAX., 4'-0" MIN., 18'-24" (dimension), 6" MIN. (dimension).
- Ground and Surface:** UNDISTURBED EARTH, PAVEMENT OR EXISTING SURFACE, VALVE BOX TOP FLUSH WITH FINISHED GRADE. COVER SHALL BE MARKED "WATER".
- Valve and Connection Components:** ADJUSTABLE VALVE BOX, GATE VALVE, MEGLUG RETAINING GLANDS, CLASS "B" CONCRETE THRUST BLOCK, CLASS "B" CONCRETE SETTING BLOCK, WATER MAIN.
- Backfill and Foundation:** UNDISTURBED SOIL OR ROCK, BACKFILL HYDRANT WITH 3/4" CRUSHED STONE, ELIMINATE THIS SECTION OF PIPE WHEREVER POSSIBLE.
- Other Labels:** PLUG DRAINS, CLASS "B" CONCRETE THRUST BLOCK AGAINST UNDISTURBED SOIL (SEE THRUST BLOCK DETAIL).

**TYPE "A"**

NEW WATER LINE DOES NOT INTERSECT  
EXISTING WATER SERVICE

NEW WATERMAIN PLUG NEW CORPORATION STOP

EXISTING WATER NEW SERVICE

ROW

EXISTING CURBSTOP NEW CURBSTOP (TYP)

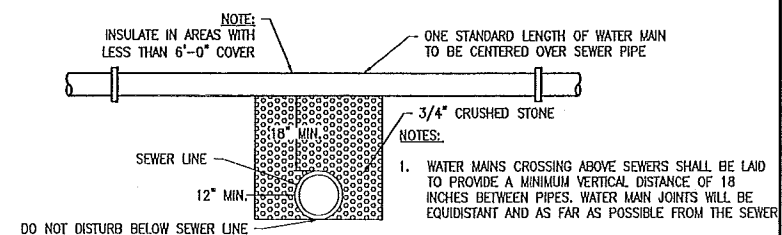
EXISTING WATER SERVICE

HOUSE

Diagram illustrating a new watermain intersecting an existing water service line. The diagram shows a cross-section of the ground with various layers and components labeled:

- HOUSE**: A rectangular box representing the building.
- NEW CURBSTOP (TYP)**: A vertical line representing the curbstop, located between the house and the new watermain.
- EXISTING WATER SERVICE**: A vertical line representing the existing water service line, extending from the house down to the new watermain.
- NEW WATERMAIN**: A horizontal line representing the new watermain, intersecting the existing water service line.
- ROW**: Right of Way lines, indicated by horizontal lines on either side of the watermain.
- NEW CORPORATION STOP**: A horizontal line representing the new corporation stop, located below the new watermain.
- NEW SERVICE**: A horizontal line representing the new service line, located below the new corporation stop.
- EXISTING WATER**: A horizontal line representing the existing water line, located below the new service line.
- PLUG**: A vertical line representing the plug, located between the new watermain and the existing water line.
- W**: Water lines, indicated by horizontal lines with 'W' labels.
- ROW**: Right of Way lines, indicated by horizontal lines at the bottom of the diagram.

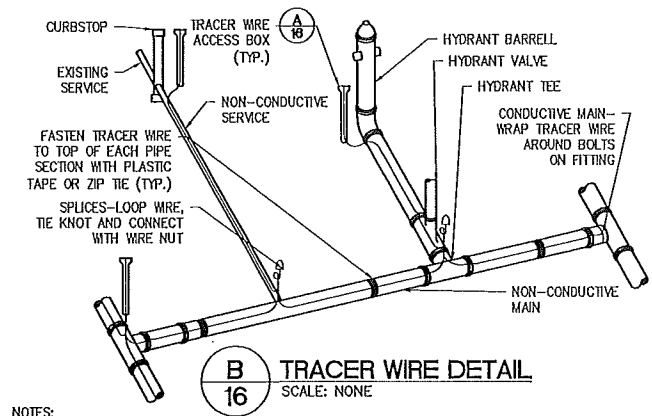
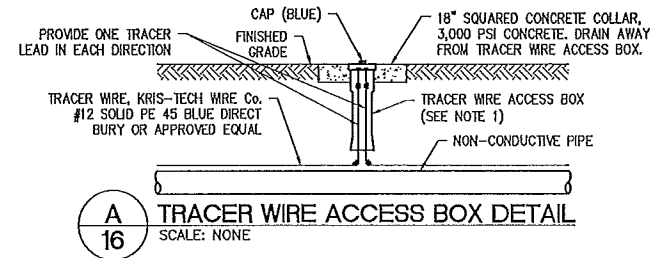
- NOTES:**
1. BRANCH PIPING AND FITTINGS SHALL BE MECHANICAL JOINT WITH RETAINING GLANDS.
  2. HYDRANTS WHICH ARE INSTALLED WHERE THE GROUND WATER TABLE IS ABOVE THE HYDRANT WASTE ORIFICES SHALL HAVE THE ORIFICES PLUGGED. HYDRANTS WITH PLUGGED ORIFICES SHALL BE LABELED "ND" FOR NON-DRAINING IN 3" HIGH ORANGE PAINTED LETTERS ON THE BONNET FACING THE ROAD. HYDRANT DRAIN SHALL BE LEFT PLUGGED AS DETERMINED BY THE ENGINEER.
  3. SHORT BRANCH = 4'-0".
  4. GROUND AT HYDRANT SHALL BE AT STREET LEVEL. PROVIDE FILL AS NESSECARY TO RAISE HYDRANT UP TO STREET LEVEL. FILL SHALL EXTEND TO THE SHOULDER OF STREET AS NESSECARY TO ALLOW ACCESS FROM THE STREET TO THE HYDRANT ON THE SAME LEVEL AS THE STREET. WIDTH AT THE TOP OF FILL BETWEEN HYDRANT AND STREET SHALL BE A MINIMUM OF 8 FEET. COST FOR ANY FILL REQUIRED TO RAISE GROUND TO STREET LEVEL SHALL BE INCLUDED IN COST OF HYDRANT BID ITEM.
  5. USE MECHANICAL JOINT OFFSETS AS NECESSARY TO ACHIEVE SPECIFIED BURY DEPTH OF HYDRANT. COST OF ANY OFFSET SHALL BE INCLUDED IN THE UNIT PRICE FOR HYDRANT INSTALLATION.
  6. ALL HYDRANT BOLTS AND NUTS BELOW GRADE SHALL BE STAINLESS STEEL.



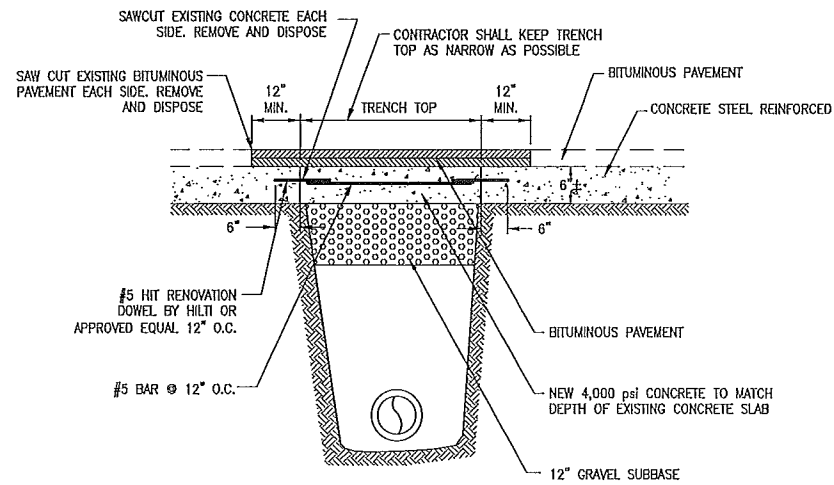
A technical diagram illustrating the installation of a manhole box between a waterline and a sewer line. The waterline runs horizontally at the top, while the sewer line runs horizontally at the bottom. A central manhole box is shown, filled with crushed stone. Two diagonal pipes connect the waterline to the manhole box, each labeled "WATERLINE". Two other diagonal pipes connect the sewer line to the manhole box, each labeled "SEWER LINE". The manhole box has a diameter of 18" MIN. and a height of 12" MIN. The distance between the sewer line and the waterline is indicated as 10' (TYP.). The area around the manhole box is filled with 3/4" CRUSHED STONE. Labels include: "NOTE: INSULATE IN AREAS WITH LESS THAN 6'-0\" cover", "WATERLINE", "MJ ELBOWS W/ MEGALUG OR EQUAL INSTALL THRUST BLOCKS. SEE TYPICAL TRENCH DETAIL.", "18\" MIN.", "12\" MIN.", "DO NOT DISTURB BELOW SEWER LINE", "3/4\" CRUSHED STONE", and "10' (TYP.)".

**G** **TYPICAL WATER/SEWER SEPARATION DETAILS**  
15 SCALE: NONE

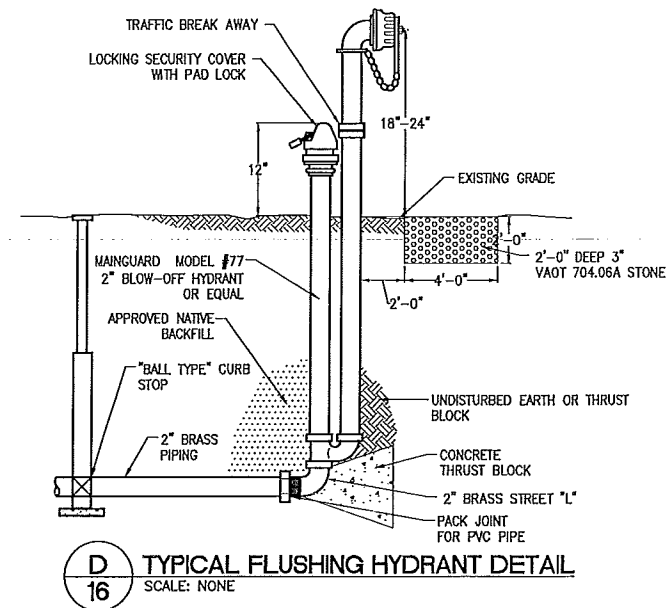




- NOTES:



- NOTES:



- NOTES:

[illegible]

TOWN OF  
ARLINGTON,  
VERMONT

WATER SYSTEM  
IMPROVEMENTS  
CONTRACT No. 1

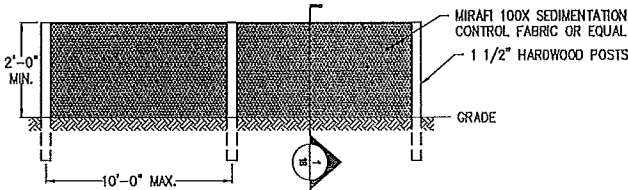
WATER  
AND ROADWAY  
DETAILS

|                   |                             |
|-------------------|-----------------------------|
| DESIGNED<br>NAP   | PROJECT NO.<br><b>15067</b> |
| DRAWN<br>JEN      |                             |
| CHECKED<br>JJD    | DRAWING<br><b>16</b>        |
| DATE<br>FEB. 2015 |                             |





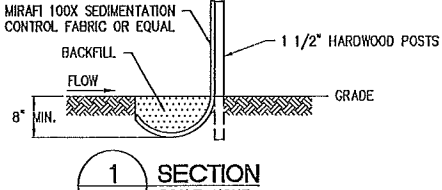




NOTES:

1. SILT FENCE SHALL BE PRE-FABRICATED EROSION CONTROL FENCE BY MIRAFI OR APPROVED EQUAL.
2. INSTALL WHERE SHOWN ON PLANS. THE FENCE SHALL BE INSTALLED PARALLEL TO CONTOURS WHERE POSSIBLE. THE ENDS OF THE FENCE SHOULD BE CURVED UPHILL TO PREVENT FLOW AROUND THE ENDS.
3. SECTIONS OF THE SILT FENCE SHALL BE JOINED TO OVERLAP BY FOLDING FABRIC AROUND EACH POST ONE FULL TURN, DRIVE POSTS TIGHTLY TOGETHER AND SECURE TOPS OF POSTS BY TYING OFF WITH CORD OR WIRE TO PREVENT FLOW-THROUGH OR BUILT-UP SEDIMENT AT JOINT.
4. INSPECT ALL SILT FENCE AT LEAST ONCE A WEEK AND WITHIN 24 HOURS AFTER EACH RAINFALL. MAINTENANCE SHALL BE PERFORMED AS NEEDED, AND SEDIMENT REMOVED WHEN SEDIMENT REACHES 1/3 HEIGHT OF THE SILT FENCE.
5. UPON FINAL STABILIZATION OF THE AREA UPHILL OF THE FABRIC, THE FABRIC SHALL BE REMOVED WITH THE APPROVAL OF THE ENGINEER.

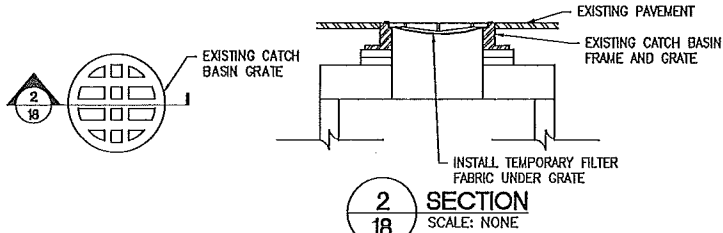
**A**  
18  
TYPICAL TEMPORARY SILT FENCE DETAIL  
SCALE: NONE



NOTES:

1. UNDERGRADE FABRIC INLET PROTECTION SHALL ONLY BE USED WHERE SHOWN ON PLANS. IT SHOULD ONLY BE USED FOR EXISTING CATCH BASINS IN EXISTING PAVED AREAS FOR LINEAR PIPELINE PROJECTS WHERE AMOUNT OF SEDIMENT RUN OFF IS MINIMAL AND DURATION OF CONSTRUCTION IS SHORT.
2. LIFT THE GRATE AND INSTALL FILTER FABRIC (MIRAFI 140NL OR EQUAL) OVER THE FRAME, AND THEN SET GRATE BACK IN PLACE.
3. INSPECT EACH INLET AT LEAST ONCE A WEEK AND WITHIN 24 HOURS AFTER EVERY RAINFALL. REPAIR AND REPLACEMENT OF INLET PROTECTION SHALL BE MADE AT TIME OF INSPECTION.
4. UPON STABILIZATION OF THE AREA UPSTREAM FROM THE INLET, THE PROTECTION SHALL BE REMOVED WITH THE APPROVAL OF THE ENGINEER.

**B**  
18  
TYPICAL TEMPORARY INLET PROTECTION DETAIL  
SCALE: NONE



**C**  
18  
TYPICAL TOPSOIL STOCKPILE DETAIL  
SCALE: NONE

EROSION CONTROL NOTES:

1. EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED PRIOR TO PERFORMING ANY EARTHWORK DOWNSTREAM OF THE DISTURBED AREA AND AS DIRECTED BY THE ENGINEER. THE MEASURES SHALL BE MAINTAINED UNTIL THE UPSTREAM DISTURBED AREA HAS BEEN PERMANENTLY STABILIZED AND AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL INSTALL ALL TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE CONTRACT DRAWINGS. THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL MEASURES DETERMINED NECESSARY IN THE FIELD.
2. SILT FENCE SHALL BE INSTALLED, AS SHOWN ON THE CONTRACT DRAWINGS PRIOR TO ANY EARTHWORK DOWNSTREAM OF THE DISTURBED AREA AND AS DIRECTED BY THE ENGINEER. THE SILT FENCE SHALL BE MAINTAINED AND CLEANED UNTIL THE UPSTREAM DISTURBED AREA HAS BEEN PERMANENTLY STABILIZED AND AS DIRECTED BY THE ENGINEER. WHERE POSSIBLE NATURAL DRAINAGE WAYS SHALL BE UTILIZED AND LEFT OPEN TO REMOVE EXCESS SURFACE WATER.
3. PROPER EROSION CONTROLS SHALL BE PROVIDED AROUND STOCKPILED EXCAVATED MATERIALS. THESE CONTROLS MAY INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING METHODS OF EROSION PREVENTION AND SEDIMENT CONTROL: PERIMETER SILT FENCE; INTERCEPTOR DRAINAGE DITCHES; VELOCITY REDUCTION DAMS IN DRAINAGE DITCHES; TEMPORARY BANK PROTECTION SUCH AS RIPRAP, MATTING, OR ARTIFICIAL COVERING; STONE CHECK DAM CONTROL SYSTEMS; SPECIAL STOCKPILING METHODS; AND WATER BARS.
4. THE CONTRACTOR SHALL PROVIDE A MECHANICAL SWEEPER AND SHALL SWEEP CLEAN THE ROADS IN THE CONSTRUCTION AREAS AS REQUIRED TO REMOVE ACCUMULATED SEDIMENT AND PREVENT SEDIMENT RUNOFF INTO RECEIVING WATERS AND AS DIRECTED BY THE ENGINEER.
5. TEMPORARY EROSION CONTROL MEASURES SHALL BE UTILIZED BY THE CONTRACTOR AS REQUIRED TO PREVENT ANY SEDIMENTATION FROM RUNNING INTO RECEIVING WATERS. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE ANY IMPACT OF THE ON-SITE SURFACE RUNOFF ON THE QUALITY OF THE RECEIVING WATERS.
6. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE DISTURBED AT ANY ONE TIME DURING CONSTRUCTION. WHEN LAND IS DISTURBED DURING CONSTRUCTION, THE DISTURBANCE SHALL BE KEPT TO THE SHORTEST PRACTICAL DURATION AS APPROVED BY THE ENGINEER. LAND SHALL NOT BE LEFT DISTURBED DURING THE WINTER MONTHS AND OVERWINTER STABILIZATION MEASURES SHALL BE INSTALLED PRIOR TO OCTOBER 15TH.
7. ALL DISTURBED AREAS AND SIDE SLOPES WHICH ARE FINISH GRADED WITH NO FURTHER CONSTRUCTION TO TAKE PLACE SHALL BE LOAMED, LIMED, FERTILIZED, SEEDED, AND MULCHED WITHIN 48 HOURS OF FINAL GRADING. A MINIMUM OF 3 INCHES OF LOAM SHALL BE PLACED. SEED, LIME, FERTILIZER, AND MULCH SHALL CONFORM TO SPECIFICATION SECTION 02930.
8. NO DISTURBED AREAS SHALL BE LEFT UNSEEDDED AND UNMULCHED FOR MORE THAN SEVEN (7) DAYS. DISTURBED AREAS WHICH WILL BE REGRADED LATER DURING CONSTRUCTION SHALL BE MULCHED AND SEEDED WITH RYE GRASS TO PREVENT EROSION. HAY OR STRAW MULCH SHALL BE APPLIED TO ALL FRESHLY SEEDED AREAS AT THE RATE OF 2 TONS PER ACRE. BALES SHALL BE UNSPOILED, AIR DRIED, AND FREE FROM WEED, SEEDS, AND ANY COARSE MATERIAL. CONTRACTOR MAY ALSO USE EROSION MATTING OR OTHER APPROVED METHODS OF TEMPORARY COVER.
9. ALL EROSION PREVENTION AND SEDIMENT CONTROL STRUCTURES AND MEASURES SHALL BE INSPECTED BY OR UNDER THE DIRECTION OF THE ON-SITE COORDINATOR AT LEAST EVERY SEVEN (7) CALENDAR DAYS AND AS SOON AS POSSIBLE BUT NO LATER THAN 24 HOURS AFTER ANY STORM EVENT WHICH GENERATES A DISCHARGE OF STORMWATER RUNOFF FROM THE CONSTRUCTION SITE.
10. AFTER ALL UPSTREAM DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED AND AS DIRECTED BY THE ENGINEER, THE DOWNSTREAM TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED AND THE ACCUMULATED SEDIMENT PROPERLY DISPOSED OF. THE AREA DISTURBED BY THE REMOVAL OF TEMPORARY MEASURES SHALL BE PREPARED, SEEDED, AND MULCHED.

| CHECKED     |  |  |  |  |  |  |  |  |  |
|-------------|--|--|--|--|--|--|--|--|--|
| DESCRIPTION |  |  |  |  |  |  |  |  |  |
| DATE        |  |  |  |  |  |  |  |  |  |
| No.         |  |  |  |  |  |  |  |  |  |

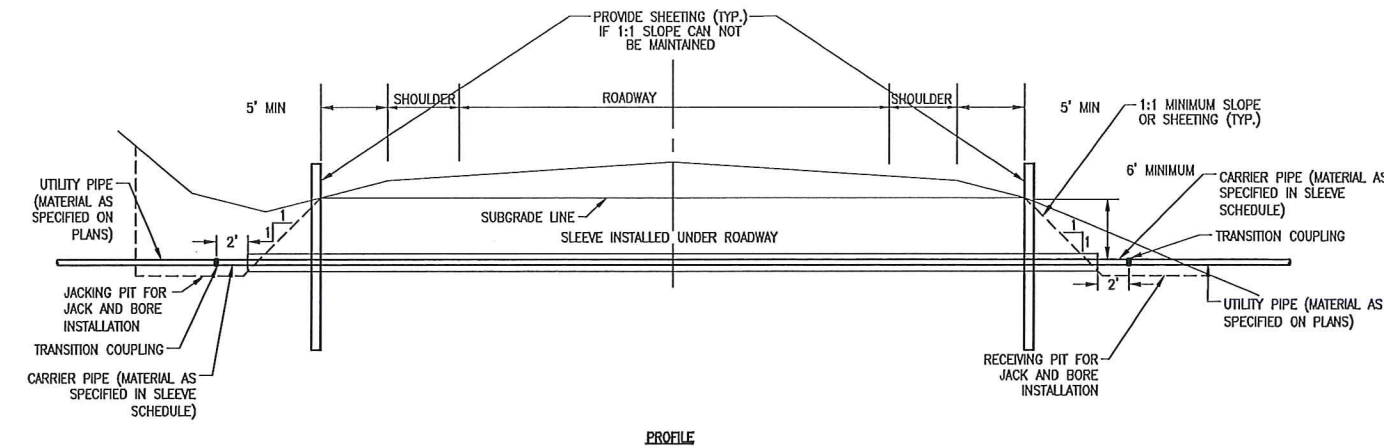
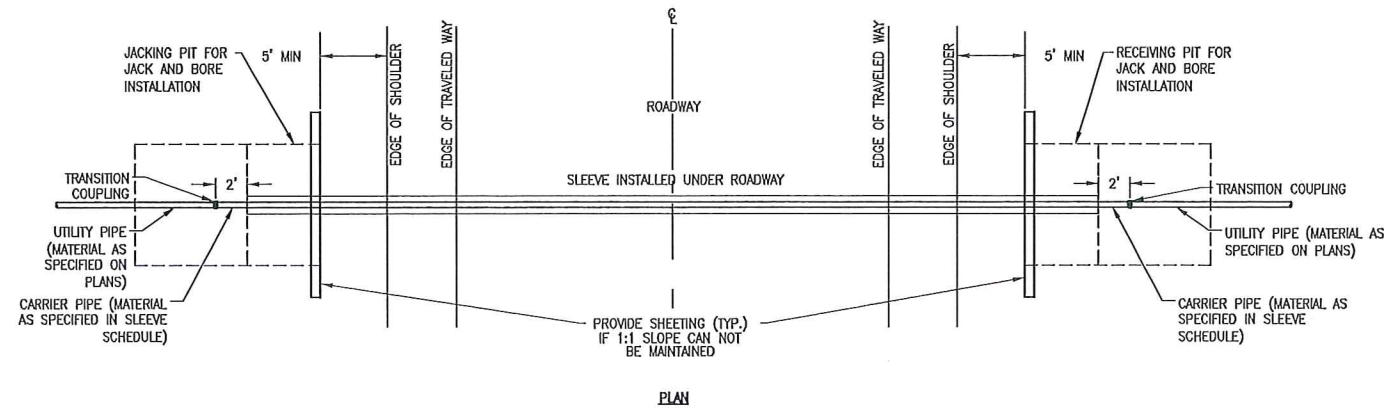
TOWN OF  
ARLINGTON,  
VERMONT

WATER SYSTEM  
IMPROVEMENTS  
CONTRACT No. 1

EROSION CONTROL  
DETAILS AND  
NOTES

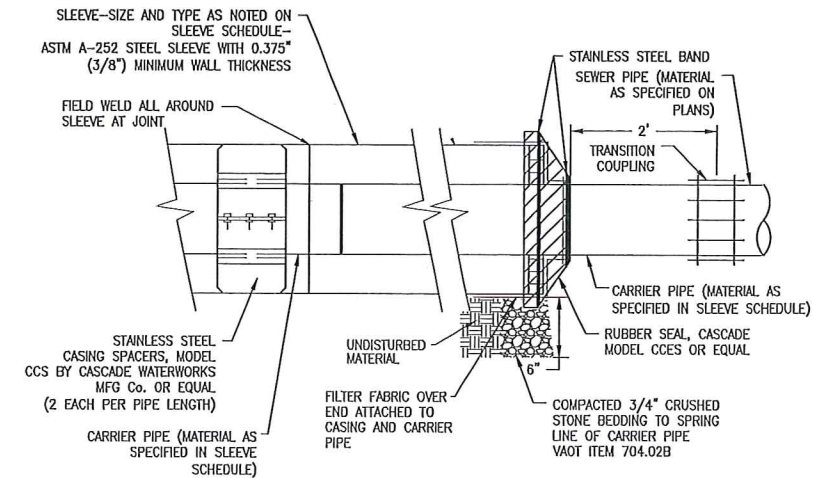
| DESIGNED<br>NAP   | PROJECT NO.<br>15067 |
|-------------------|----------------------|
| DRAWN<br>JEN      | DRAWING              |
| CHECKED<br>JJD    | 18                   |
| DATE<br>FEB. 2016 |                      |





**A**  
**C13** MAIN SLEEVE SECTION  
SCALE: NONE

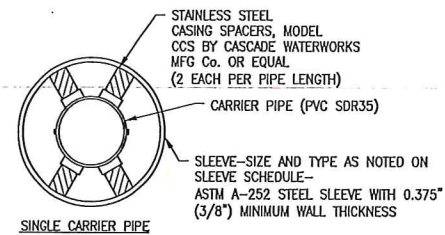
- NOTES:
1. CONSTRUCT IN ACCORDANCE WITH VIRANS STANDARD D-20 HIGHWAY CROSSING SLEEVES FOR UNDERGROUND UTILITIES.



- NOTES:
1. BID ITEM INCLUDES THE TRANSITION COUPLING AND THE CARRIER PIPE(S) FROM TRANSITION COUPLING TO TRANSITION COUPLING.
  2. ALL STEEL SLEEVES SHALL BE ASTM A-252 WITH 0.375" (3/8") MINIMUM WALL THICKNESS.
  3. CARRIER PIPE SHALL BE PUSH-ON WITH FIELD-LOK GASKETS.

| SLEEVE SCHEDULE |          |          |              |                            |             |                     |
|-----------------|----------|----------|--------------|----------------------------|-------------|---------------------|
| Drawing No.     | Bid Item | Location | Station      | Carrier Pipe Size and Type | Sleeve Size | Installation Method |
| C4              | A-10     | Route 44 | 0+28 to 0+72 | 8" DI                      | 24" x 44'   | Jack and Bore       |
| C5A             | A-10     | Route 44 | 5+68 TO 6+10 | 8" DI                      | 24" x 42'   | Jack and Bore       |
| C7              | A-10     | Route 44 | 0+19 to 0+80 | 8" DI                      | 24" x 61'   | Jack and Bore       |
| C7              | A-9      | Route 44 | 2+40         | 6" DI                      | 12" x 40'   | Jack and Bore       |
| C7              | A-8      | Route 44 | 3+82         | 4" DI                      | 8" x 44'    | Jack and Bore       |
| C7              | A-9      | Route 44 | 5+27         | 6" DI                      | 12" x 44'   | Jack and Bore       |
| C7              | A-10     | Route 44 | 7+39 to 7+75 | 8" DI                      | 24" x 36'   | Jack and Bore       |
| C9              | A-9      | Route 44 | 9+17         | 6" DI                      | 12" x 28'   | Jack and Bore       |
| C9              | A-9      | Route 44 | 11+89        | 6" DI                      | 12" x 28'   | Jack and Bore       |

**B**  
**C13** TYPICAL SLEEVE DETAIL  
SCALE: NONE



**C**  
**C13** TYPICAL SLEEVE SECTION  
SCALE: NONE

| CHECKED | DATE | No. |
|---------|------|-----|
|         |      |     |

TOWN OF  
WEST WINDSOR,  
VERMONT

WEST WINDSOR  
BROWNSVILLE  
SEWER COLLECTION  
SYSTEM  
CONTRACT No. 1

SLEEVE SECTIONS  
AND  
DETAILS

|                    |                      |
|--------------------|----------------------|
| DESIGNED<br>NAP    | PROJECT NO.<br>14020 |
| DRAWN<br>JEN       | DRAWING<br>C13       |
| CHECKED<br>JJD     |                      |
| DATE<br>JUNE, 2015 |                      |